

## Daisy J. Nez

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### PROFESSIONAL EXPERIENCE

U. S. Department of Energy, Albuquerque Operations  
P. O. Box 5400  
Albuquerque, NM 87185-5400  
Position - General/Program Engineer

LAAO/Safety Authorization Basis Team May 1999 - Present  
As a safety analyst, I review, analyze, and recommend approval/disapproval of safety basis documents such as SAR, TSR, USQ, and BIO. Reviewed or work done: LAAO AB Procedure, CMR Upgrade Projects HA, RLWTF 30% SAR, TA-54 70% SAR, LACEF TSR Change, WETF 70% SAR, & TA-18 USQs.

OTMO/Safety Analysis & Support Division December 8, 1997 - April 1999  
Assigned to the Pantex & Los Alamos team to provide technical reviews of SAR, TSR, HAR, BIO, and other safety related activities such as readiness reviews. Work done: 1999 ES&H Assessment for Pantex, W56 RA, W87 Safety Basis Review, PX Integrated Pit Program Safety Analysis Support, B53 End Caps, W76 Safety Basis, PX Pit Weigh & Leak Check RA, LANL TA-54 USQs, DARHT & PRAD HA, LANL Authorization Agreements.

ONDP/Weapon Program Division May 1992 - December 1997  
Program engineer for the following weapon programs: B61-3/4/10, B61-7/11, and B53. Also, served as program engineer for the technology demonstration programs, PRESS CM and MAST II, which were funded and managed under the auspices of PCAP. Membership of the B61 and B53 Project Officers Group, Maintenance and Logistics Subgroup, Joint Test Subgroup, and the Environmental Subgroup. As a collateral duty, served as an EEO Counselor.

ONDP/Production Operations Division January 1989 - May 1992  
As the Pinellas Plant Liaison I conducted CPAF appraisals in the areas of manufacturing, production inventory controls, process improvements, and areas in tooling and gages, and equipment. Also served as the COTR for the ONDP support service contract, a \$12 million contract with approximately 90 FTEs.

ONDP/Weapon Programs Division August 1986 - January 1989  
Provided support to the senior engineers of the Cruise Missiles group. In this capacity, I worked on the following weapon programs: W69, W80-0/1, and W89. I updated schedules (Program Control Documents) for each program, represented DOE at program review meetings, and resolved weapon production issues.

Summer Internships Prior to August 1986  
Navajo Construction Authority, Shiprock, NM (1979/80); Mobil Oil Co., Great Bend, KS (1981); General Dynamics, San Diego, CA (1982); LLNL, Livermore, CA (1983); SNL, Albuquerque, NM (1984).

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### EDUCATION

University of New Mexico August 1992 - December 1992  
Albuquerque, NM  
Mechanical Engineering design courses

Northern Arizona University August 1980 - June 1985  
Flagstaff, AZ  
Bachelor of Science, Mechanical Engineering

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### ORGANIZATIONS

American Indian Program, DOE/AL	September 1987 - Present
American Indian Science and Engineering Society - member Albuquerque, NM	January 1980 - Present
NM Chapter of AISES - President	Sept 1995 - Sept. 00
New Mexico Network for Women in Science & Engineering - member Albuquerque, NM	April 1988 - Present
Society of Mechanical Engineers	November 1990 - Present

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#### TRAINING COURSES COMPLETED

Nuclear Weapons Orientation Advanced Course
Weapons Production Program Orientation Course,
An Engineering Guide to Nuclear Weapons Development, Production, and Stockpile
Effective Professional Communication (Gerimonte)
Contract Administration for Technical Representatives
Environmental Regulations Course
Design for Manufacturability
Product Realization Team Workshop
Process Quality Management and Workshop
Fundamentals of DOE Operations (Conduct of Ops)
Senior Officer's Nuclear Accident Course
Space and Missile Orientation Course
Nuclear Safety Hardware Response to Abnormal Environment
Nuclear Criticality Safety
Operational Readiness Review Training Course
Authorization Basis Workshop
Unreviewed Safety Questions Course
DOE Std 3009-94: Basis & Methods for Hazard Analysis, Accident Analysis, and TSR Derivation
Hazard Analysis for DOE SARs and QRAs
MACCS2 Computer Code
MNCP Computer Code
Nuclear Weapon Refresher Course
Radiological Dispersion and Consequence Analysis
ERCOG Training Courses: GENII Code, Fire Source Term, In-Facility Transport, Uranium & Tritium Dispersal
Nuclear Explosive Safety Course
System Safety Analysis
Fire Hazard and Risk Analysis
Chemical Dispersion and Consequence Assessment
Derivative Classifier Course